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Express Mail No. EL401197778US
Docket No. 20516/111694

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of :)
Tatsuo HOSHINO *et al.*) Examiner: Unassigned
Serial No.: Unassigned) Art Unit: Unassigned
Filed: Herewith)
For: **PROCESS FOR THE MANUFACTURE**)
OF CAROTENOIDS AND BIOLOGICALLY)
USEFUL MATERIALS THEREOF)

New York, NY
December 1, 2000

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the utility patent application of Inventor(s):

Tatsuo HOSHINO, Kazuyuki OJIMA, and Yutaka SETOGUCHI

For: **PROCESS FOR THE MANUFACTURE OF CAROTENOIDS AND
BIOLOGICALLY USEFUL MATERIALS THEREOF**

1. [x] The application has 33 pages (including specification, claim pages, and abstract).
2. [x] The declaration and power of attorney
 - a. [] has been executed by all the inventors; or
 - b. [x] has not been executed by all the inventors. A signed declaration and power of attorney will be submitted in due course.
3. [x] One (1) sheet of drawings (Figure 1) is enclosed.
4. [x] A Sequence Listing is part of this application.
 - a. [x] A Sequence Listing in both paper and computer readable form (diskette) as required by 37 CFR § 1.821 et seq. is enclosed.
 - b. [x] A Statement Under 37 CFR § 1.821(f) is enclosed.
5. [] An associate power of attorney is enclosed.

6. ☐ An assignment of the invention from the Inventor(s) to F. Hoffmann-La Roche AG (with Recordation Form Cover Sheet), and an assignment from F. Hoffmann-La Roche AG to Roche Vitamins Inc. (with Recordation Form Cover Sheet) are enclosed. Please record the Assignment from the Inventor(s) to F. Hoffmann-La Roche AG first, then record the assignment from F. Hoffmann-La Roche AG to Roche Vitamins Inc., and return both to the undersigned. A duplicate copy of this paper is enclosed.
- a. ☐ Two checks in the amounts of \$40 each are enclosed to cover the recording fee.
- b. ☐ Please charge the recording fee to our Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.
7. ☒ Priority is hereby claimed under 35 USC §119 based on Appln. No. **99123821.3** filed in **Europe** on **December 1, 1999**.
- a. ☐ A certified copy of the priority document is enclosed.
- b. ☒ The certified priority document will follow.
8. ☐ Priority is hereby claimed under 35 USC §119(e) based on provisional application Serial No. _____, filed _____, in _____. Please amend the specification by inserting, before the first line, the following sentence: -- This application claims priority under 35 U.S.C. § 119(e) of provisional application Serial No _____, filed _____. --
9. ☒ The filing fee is calculated below on the basis of the claims existing in the prior application plus or minus any claims added or canceled by amendment:

Claims as Filed, Plus/Minus Any Claims Added/Canceled By Amendment

For	Number Filed	Number Extra	Rate	Basic Fee = \$	710.00
Total claims	37 -20=	17	x \$ 18 =	\$	306.00
Independent claims	6 -3=	3	x \$ 80 =	\$	240.00
Multiple Dependent claims	1	--	x \$270 =	\$	270.00
Total Filing Fees				\$	1,526.00

- a. ☒ A check in the amount of **\$1,526.00** to cover the filing fee is enclosed. If our check is missing or otherwise insufficient, or if any additional fees are required, please charge (or credit any overpayment) to Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.
- b. ☐ Please charge Deposit Account No. 02-4467 in the amount of \$_____. A duplicate copy of this paper is enclosed.

10. ☒ The Commissioner is hereby authorized to charge payment of the following fees, or to credit any overpayment, to Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.
- a. ☒ Any additional filing fees required under 37 CFR Section 1.16 not otherwise paid by check.
- b. ☒ Any patent application processing fees required under 37 CFR Section 1.17 not otherwise paid by check.
- c. ☒ Any additional Assignment recording fees under 37 CFR Section 1.21 (h) not otherwise paid by check.
11. ☐ A preliminary amendment is enclosed. Please enter it before calculating the filing fee.
12. ☐ An Information Disclosure Statement is enclosed.
13. ☒ Address all communications to:
- Mark E. Waddell, Esq.
Bryan Cave, LLP
245 Park Avenue
New York, NY 10167-0034
tel. (212) 692-1800

Respectfully submitted,

By: 

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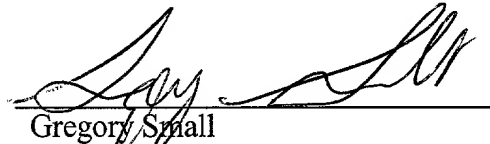
CERTIFICATE OF EXPRESS MAILING

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Date of Deposit: December 1, 2000

I hereby certify that the following:

- ☒ Certificate of Express Mailing (1 p)
- ☒ Transmittal Letter (3 pp) in duplicate
- ☒ Specification, Claims, and Abstract (33 pp)
- ☒ Declaration and Power of Attorney (3 pp) (unexecuted)
- ☒ One (1) Sheet of Drawing (FIG. 1)
- ☒ Computer Readable Sequence Listing (1 Diskette)
- ☒ Copy of Sequence Listing (28 pp)
- ☒ Statement Under 37 CFR § 1.821(f) (1 p)
- ☒ Check for \$1,526.00 (Filing fee)
- ☒ Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR Section 1.10 on the Date of Deposit indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.



Gregory Small
Signature of Person Making Deposit

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